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JUL 18 1995

**WATER RIGHTS
SALT LAKE**



Terry L. Gnehm
Water Commissioner
Logan River Distribution System
195 West 1800 North
Logan, UT 84321

July 17, 1995

TO: Blain Boudrero, President, Logan NW Field Canal
Alan Alder, President, Logan SW Field Canal
Harold Falslev, President, Benson Canal

RE: Measuring device at Logan High School

The measuring device at Logan High School is not accurately measuring the flow of water for the canal companies in the Logan River Distribution system. Several meetings have been held with Logan High School representatives to resolve the changing of the channel to facilitate the new high school addition. These meetings have not resulted in a resolution.

The flow based on a staff gage reading in the flume, is higher than the flow measured by using a current meter. This error is a result of backwater below the parshall flume and is resulting in a loss of water to the Logan Northwest Field Canal, Southwest Field Canal & Benson Canal. There is not an accurate way to get percentage of water to go to Benson Canal due to the result of this error.

The measurement will continue to be taken as it has in the past. The canal companies should correct this measurement error.

If you have any questions or need any additional information, please contact me.

Regards,

A handwritten signature in cursive script, appearing to read "Terry L. Gnehm".

Terry L. Gnehm
Logan River Water Commissioner

cc:\ Bob Fotheringham, State Engineer, Water Rights - Logan Office
Don Hansen, Chairman, Logan River Distribution System